



Features

- 12.1" 1024x768 (500 Nit) LCD
- Intel Apollo Lake Pentium N4200 Quad Core CPU
- Fanless Dust Resistant Design
- IP65 Full Flat Front Panel with Resistive Touchscreen
- Rich I/O Support
- Optional Backup Battery

Technical Specifications

Primary Components

Processor Family	Intel Pentium Apollo Lake
Processor Model	N4200
Processor Speed	1.10 GHz
Memory Type	1x DDR3L SO-DIMM
Memory Support	2GB, 4GB, 8GB
Storage Type	1x 2.5" SATA Drive Bay for SSD/HDD, M.2
Storage Support	32GB-1TB

Display

Screen Size	12.1"
Screen Resolution	1024 x 768 (XGA)
Screen Ratio	4:3
Brightness	500 nits

Touch Screen

Touch Screen	Resistive
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External I/O Ports

USB	2x USB 2.0, 4x USB 3.0
Serial / Com	3x COM
Serial Protocol Detail	2x RS-232/422/485 (Configurable in BIOS), 1x RS232
Ethernet / LAN	2x RJ45 GbE LAN
Video Outputs	1x DisplayPort, 1x Optional VGA
Audio Ports	1x Optional Line in by RCA Jack
Power Input Port	Locking Type

Power

Standard Power Adapter100~240VAC, Output 9V @ 4.73A

Battery

Battery TypeOptional Internal Battery
Battery Operating Time1.5hrs

Operating Systems

WindowsWindows 10 IoT, Windows 10 Pro

Expansion Slots

Video Card SupportIntel HD Graphics 505

Multimedia

Speakers2x 2W Speakers

Thermal & Environmental

Operating Temperature0°C - 40°C (32°F – 104°F)
Cooling SolutionPassive – Fanless
Humidity Range20% – 90% Non-condensing

Enclosure

MaterialSteel
IP RatingIP65 Front Bezel
ColorBlack
Mounting OptionsVESA 100 Mount, VESA 75 Mount

Weight / Dimensions

Weight2.3 kg (5.1 lbs)
Dimensions313 x 251 x 36.6 mm (12.3 x 9.9 x 1.4 in)

Certification

CertificationsCE, FCC, IEC 60950-1, VCCI Class B

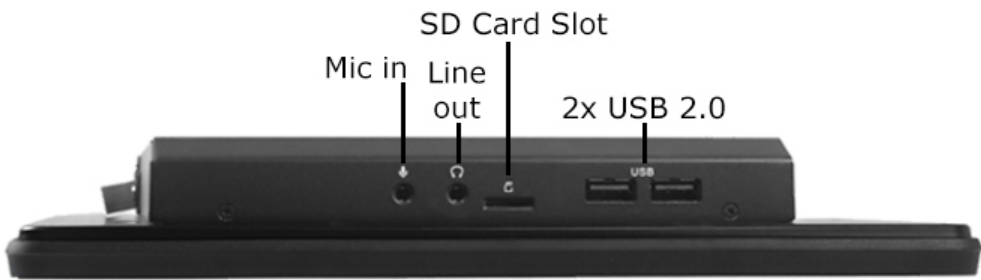
Warranty

WarrantyUp to 5 Years

I/O Diagram Images

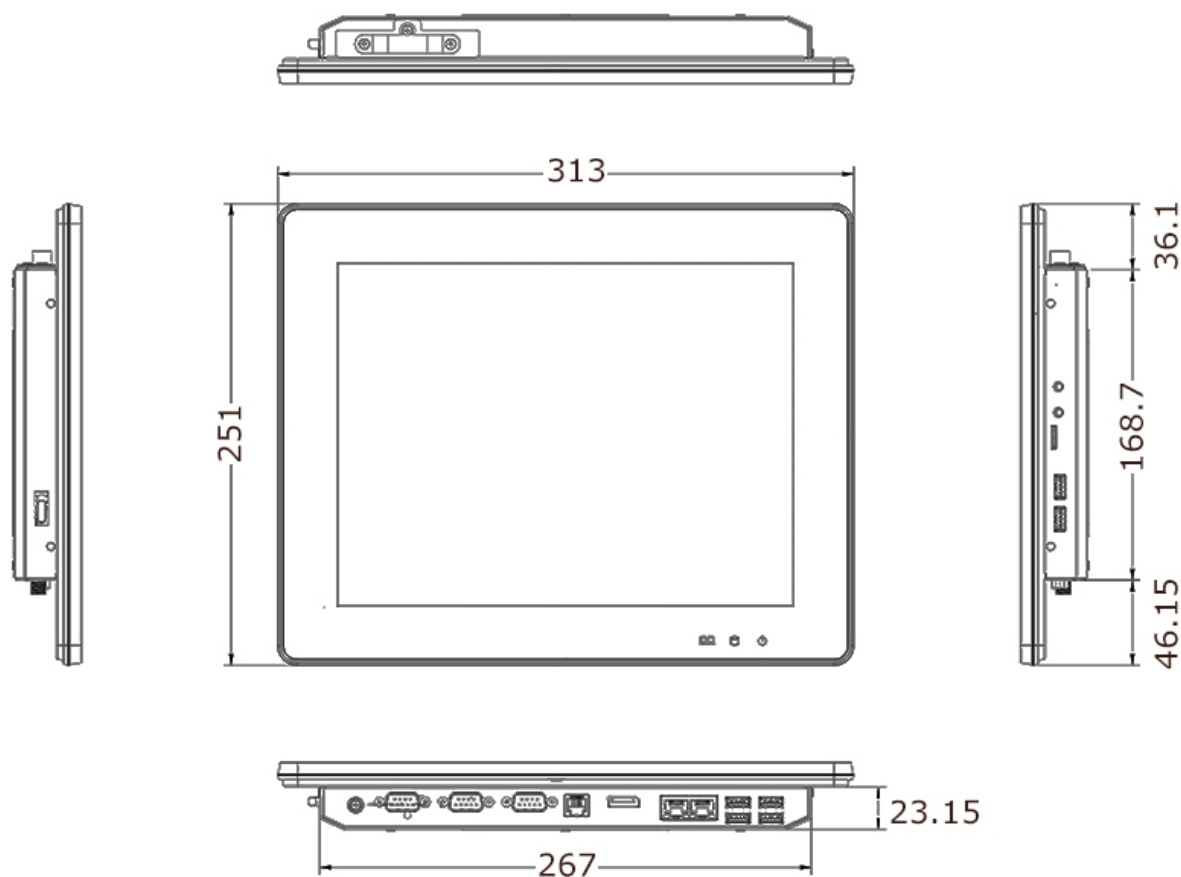


Bottom



Side

Tech Diagram Images



All specifications are subject to change without notice.